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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/663,995	09/17/2003	Soon Jo Lee	9988.059.00-US	1979
30827	7590	10/28/2005	EXAMINER	
MCKENNA LONG & ALDRIDGE LLP			GRAVINI, STEPHEN MICHAEL	
1900 K STREET, NW			ART UNIT	
WASHINGTON, DC 20006			PAPER NUMBER	
			3749	

DATE MAILED: 10/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

6

Office Action Summary	Application No. 10/663,995	Applicant(s) LEE ET AL.	
	Examiner Stephen Gravini	Art Unit 3749	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 August 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 102

Claims 4-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Hopkins et al. (US 4,010,996). Hopkins is considered to disclose the claimed invention comprising:

a terminal block **138** disposed within the laundry dryer control panel, the terminal block having a lower part **140** and an upper part **142**;

a wall extending from the terminal block lower part and the terminal block upper part (please see figures **18-22** wherein the raised portion surrounding reference character **166** and above reference character **142** is considered to anticipate the claimed wall because both extend from a terminal upper and lower part respectively **and further reading of column 7, it is disclosed that the double ended hermaphroditic contact also is considered to anticipate the claimed wall extending from the upper and lower terminal block because that contact passes from both an upper portion and a lower portion and being barrel shaped and containing a conductor it serves as a wall as claimed because it surrounds the conductor based on the broadest reasonable claim construction from the specification definition of wall**);

a first wire **32** or **170** extending out of the terminal block lower part; and

a second wire **170** or **32** extending out of the terminal block upper part wherein the wall extends from the terminal block such that the wall shields **(the claim recitation shields is broadly and reasonably construed in light of the specification to be anticipated by the shielded area disclosed in Hopkins as discussed above)** an exposed portion of the first wire and the second wire (please see column 7 lines 3-68 which is considered to disclose the claimed shielding feature). Hopkins is also considered to disclose the claimed feature wherein the wall covers a first connector coupling the terminal block lower part with a first power wire and a second connector coupling the terminal block upper part with a second power wire from a first side of the terminal block and a second side of the terminal block (also at column 7 lines 3-68) and single body terminal block formation as shown in figure **18**.

Claim Rejections - 35 USC § 103

Claims 1 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over McCormick (US 2,742,708). McCormick is considered to disclose the claimed invention comprising:

base **314** forming a floor;

a front cabinet **211** forming a front portion of the clothes dryer;

a side cabinet **218** forming a side portion of the clothes dryer;

a top cover **216** provided on a top surface of the front cabinet, the side cabinet and the back cover;

a control panel **217** provided on a rear portion of the top cover. McCormick is considered to disclose the claimed invention except for the claimed back cover forming

Art Unit: 3749

a back side of the clothes dryer, terminal block provided on an inside of the control panel, a wall for shielding an exposed part of core wire extending from an upper front portion and lower front portion of the terminal block including a single body terminal block formation. Hopkins, another structure for a clothes dryer, is considered to disclose a back cover **42** in figures **1 & 18-22**, a wall for shielding an exposed part of core wire extending from an upper front portion, and lower front portion of the terminal block including a single body terminal block formation as discussed in the anticipatory rejection above. It would have been obvious to one skilled in the art to combine the teachings of McCormick with the back cover, wall for shielding an exposed part of core wire extending from an upper front portion, and lower front portion of the terminal block including a single body terminal block formation, considered disclosed in Hopkins, for the purpose of producing an improved completely hermaphroditic electrical contact terminal having an insulation displacing portion and an intermating portion adapted to engage a relatively wide range of related contacts.

Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over McCormick in view of Hopkins in further view of Sergeant et al. (US 4,820,189). McCormick in view of Hopkins is considered to disclose the claimed invention, as discussed above under the obviousness rejection, except for the claimed wall for shielding an exposed part of core wire covers a first connector connecting a lower part of the terminal block with a power cord wire and a second connector connecting an upper part of the terminal block with a power cord wire from a front portion of the terminal block and a side portion of the terminal block. Sergeant, another structure for a

Art Unit: 3749

clothes dryer, is considered to disclose a wall for shielding an exposed part of core wire covers a first connector connecting a lower part of the terminal block with a power cord wire and a second connector connecting an upper part of the terminal block with a power cord wire from a front portion of the terminal block and a side portion of the terminal block at column 4 lines 1-12. It would have been obvious to one skilled in the art to combine the teachings of McCormick in view of Hopkins with the wall for shielding an exposed part of core wire covers a first connector connecting a lower part of the terminal block with a power cord wire and a second connector connecting an upper part of the terminal block with a power cord wire from a front portion of the terminal block and a side portion of the terminal block, considered disclosed in Sergeant, for the purpose of shielding a covered power cord wire.

Conclusion

Applicant's pre-appeal brief argued that certain elements were not disclosed. After a conference was held, the conferees suggested that the prior art was not fully discussed to appreciate how the claimed invention is anticipated or obviated by the prior art. This action maintains the same rejections using the same references and further explains the prior art. Applicants are invited to fully read each reference in order to gain an understanding of claimed features as taught in the prior art. Reference characters and cited portion of each reference are merely illustrative of the most pertinent areas with respect to the claimed invention. To fully understand the claimed invention in light of the prior art, each entire reference must be read and understood, since the reference characters and cited portions are fragments of the synergistic teachings of the prior art.

Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen Gravini whose telephone number is 571 272 4875. The examiner can normally be reached on normal weekday business hours (east coast time).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ehud Gartenberg can be reached on 571 272 4828. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3749

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SMG
October 25, 2005

A handwritten signature in black ink, appearing to read "Stephen Garm". The signature is written in a cursive, flowing style with a small flourish at the end.